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| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><i>(use as many sheets as necessary)</i> |                        | Application Number       | 10/772,586       |
|  |                        | Filing Date              | February 6, 2004 |
|  |                        | First Named Inventor     | Shunpei YAMAZAKI |
|  |                        | Art Unit                 | 2813             |
|  |                        | Examiner Name            | Thank T. NGUYEN  |
| Sheet 1 of 1   | Attorney Docket Number | 740756-2707              |                  |

| U.S. PATENT DOCUMENTS          |                       |  |                                |  |   |
|--------------------------------|-----------------------|--|--------------------------------|--|---|
| Examiner Initials <sup>1</sup> | Cite No. <sup>1</sup> | U.S. Patent Document                       | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|                                |                       | Number - Kind Code <sup>2</sup> (if known) |                                |  |   |
| ↓                              | TN                    | US-5,429,994                               | 07/04/1995                     | Ishikawa   |   |
|                                |                       | US-5,549,780                               | 08/27/1996                     | Koinuma et al.                                     |   |
|                                |                       | US-6,909,477 B1                            | 06/21/2005                     | Yi et al.  |   |
|                                |                       | US-2002/0109143 A1                         | 08/15/2002                     | Inoue  |   |
|                                |                       | US-2004/0224433 A1                         | 11/11/2004                     | Yamazaki et al.                                    |   |
|                                |                       | US-2004/0253896 A1                         | 12/16/2004                     | Yamazaki   |   |
|                                |                       | US-2005/0011752 A1                         | 01/20/2005                     | Yamazaki et al.                                    |   |
|                                |                       | US-2005/0064091 A1                         | 03/24/2005                     | Yamazaki   |   |
|                                |                       | US-2005/0090029 A1                         | 04/28/2005                     | Yamazaki et al.                                    |   |
|                                |                       | US-2005/0167404 A1                         | 08/04/2005                     | Yamazaki   |   |
| TN                             |                       | US-2005/0013927 A1                         | 01/20/2005                     | Yamazaki   |   |

| FOREIGN PATENT DOCUMENTS       |                       |  |                                |  |   |                |
|--------------------------------|-----------------------|--|--------------------------------|--|---|----------------|
| Examiner Initials <sup>1</sup> | Cite No. <sup>1</sup> | Foreign Patent Document  | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear | T <sup>4</sup> |
|                                |                       | Country Code <sup>3</sup> Number <sup>3</sup> Kind Code <sup>3</sup><br>(if known) |                                |  |   |                |
| ↓                              | TN                    | JP-2001-179167   | 07/03/2001                     | Tanabe   |   | FULL           |
|                                |                       | JP-2001-068827   | 03/16/2001                     | Fujita et al.                                      |   | FULL           |
|                                |                       | JP-11-340129   | 12/10/1999                     | Shunichi et al.                                    |   | FULL           |
|                                |                       | JP-2002-237480   | 08/23/2002                     | Shimonishi et al.                                  |   | FULL           |
| TN                             |                       | JP-2002-237463   | 08/23/2002                     | Shimonishi et al.                                  |   | FULL           |

| OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS |                       |   |                |
|---|-----------------------|---|----------------|
| Examiner Initials <sup>1</sup>                    | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>5</sup> |
| TN  |                       | S. WOLF et al. "Silicon Processing for the VLSI ERA" Vol. 1 (Process Technology), pp. 198, 408, 427, 539, 542, 535; Jan. 1, 1986.   |                |
|   |                       |   |                |

|                    |                             |                 |            |
|--------------------|-----------------------------|-----------------|------------|
| Examiner Signature | /Thanh Nguyen/ (05/12/2006) | Date Considered | 05/12/2006 |
|--------------------|-----------------------------|-----------------|------------|

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